

APPENDIX A. REFERENCES

1. **CVISN Website** hosted by the Johns Hopkins University Applied Physics Laboratory at <http://www.jhuapl.edu/cvisn>
2. **CVISN Toolkit CD ROM.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. Available at [1]. *A comprehensive set of technical documentation and planning tools assembled on a CD-ROM to assist new CVISN deployment states in the development of their CVISN Project Plans before, during, and after the CVISN Workshops. Contains a subset of the documents available on the website [1].*
3. **Introductory Guide to CVISN.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7186. Available at [1].
4. **CVISN Guide to Program and Project Planning.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7188. Available at [1]. *Appendix A lists valuable project management references, including quite a few that published "lessons learned" from ITS deployments throughout the country.*
5. **CVISN Guide to Top-Level Design.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7187. Available at [1].
6. **CVISN Guide to Integration and Test.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7194. Available at [1].
7. **CVISN Guide to Safety Information Exchange.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7191. Available at [1].
8. **CVISN Guide to Credentials Administration.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7192. Available at [1].
9. **CVISN Guide to Electronic Screening.** Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7193. Available at [1].
10. **The Art of Systems Architecting**, by Eberhardt Rechtin and Mark W. Maier. CRC Press, 1996. ISBN: 0849378362. *A must-read for the system architect; the heuristics are gems. Waterfall versus spiral development models are discussed beginning on page 93 in that document.*
11. **Software Engineering -- A Practitioner's Approach**, 5th edition, by Roger S. Pressman. McGraw Hill, Inc., 2001. ISBN 0073655783. *Waterfall versus spiral development models are discussed beginning on page 26.*

12. ***Guide to the Project Management Body of Knowledge***, published by the Project Management Institute [13]. Available free at <http://www.pmi.org/publictn/pmboktoc.htm> *Your first line of defense for terminology and concepts; concise and precise. PMI is a reputable and authoritative organization.*

13. **Project Management Institute (PMI)**

Four Campus Boulevard
Newtown Square, PA 19073
610-356-4600

<http://www.pmi.org>

PMI conducts monthly meetings throughout the U.S. Call to find the local chapter near you.

14. ***Desktop Automated Scheduling Tools (often called Project Management Software):***

- Open Plan from Welcom Corp of Houston, TX
- Project Planner from Primavera Systems Inc. of Bala Cynwyd, PA
- Project Scheduler from Scitor Corp. of Menlo Park, CA
- Project Workbench from ABT Corp of New York, NY
- Dekker Trakker from Dekker Ltd of San Bernardino, CA
- Microsoft Project from Microsoft Corp of Redmond, WA

15. ***CVISN Operational and Architectural Compatibility Handbook (COACH)***. Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. Available at [1].

Part 1 - Operational Concept and Top-Level Design Checklists, POR-97-7067

Part 2 - Project Management Checklists, POR-97-7067

Part 3 - Detailed System Checklists, POR-97-7067

Part 4 - Interface Specification, POR-97-7067

Part 5 - Interoperability Test Criteria, POR-98-7126

16. ***Software Reviews and Audits Handbook***, by Charles Pl. Hollicker. John Wiley & Sons, Inc., 1990. ISBN 0-471-51401-2. *60% of the pages are appendices with checklists and templates for every imaginable review.*

17. ***Breakthrough Technology Project Management***, by Bennet P. Lientz and Kathryn P. Rea. Academic Press, 1999. ISBN 0-12-449970-8. *List of reasons why systems projects fail p12; why they succeed p16. The authors argue that project tracking should be issues oriented not status oriented. One quarter of the book is devoted to addressing 56 specific common project issues.*

18. ***Successful Project Management***, third edition, by Milton D. Rosenau, Jr. John Wiley & Sons, Inc., 1998. ISBN 0-471-29304-0. *Emphasizes working within the "triple constraint" of cost, schedule, and technical performance. Has 5 chapters on monitoring progress.*

19. ***The Complete Idiot's Guide to Project Management***, by Sunny and Kim Baker. Alpha Books, 1998. ISBN 0-02-861745-2. *Has 5 chapters in the section on "The Controlling Phase", including how to solve the most predictable project problems before they start.*

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20. ***Essentials of Project and Systems Engineering Management***, by Howard Eisner. John Wiley & Sons, Inc., 1997. ISBN 0-471-14846-6. *Project situation analysis is discussed on page 87 of that document.*
21. ***Project Management – A Systems Approach to Planning, Scheduling, and Controlling***, sixth edition, by Harold Kerzner, Ph.D. John Wiley & Sons, Inc., 1998. ISBN 0-471-28835-7. *A mature handbook, broad in scope, for every aspect of project and organizational management; topics are discussed in depth. Includes a chapter on trade-off analysis, and a chapter on risk management.*
22. ***The Team Handbook***, Second Edition, by Peter R. Scholtes, Brian L. Joiner, and Barbara J. Streibel, Joiner Associates Inc., 1996. ISBN 1-884731-11-2. *Sound advice about running a team-oriented meeting, such as soliciting comments in a round-robin manner, and multi-voting to refine and select alternatives.*
23. ***IEEE Standard Glossary of Software Engineering Terminology***, IEEE Std 610.12. Published by the Institute of Electrical and Electronics Engineers, Inc. Available for a fee at <http://standards.ieee.org/catalog>.
24. ***ITS/CVO CVISN Glossary***. Prepared for FMCSA by the Johns Hopkins University Applied Physics Laboratory. POR-99-7188. Available at [1].

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